

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1919	521/142.ccls. or 521/64.ccls. or 521/63. ccls. or 521/62.ccls. or 521/61.ccls.	US-PGPUB; USPAT	OR	ON	2011/10/14 11:39
L2	143	styrene and divinylbenzene and (sorbitan or monooleate) and persulfate and (HIPE or HIPPE or (internal adj phase))	US-PGPUB; USPAT	OR	ON	2011/10/14 11:40
L3	146	styrene and divinylbenzene and (sorbitan or monooleate) and (persulfate or electrolyte) and (HIPE or HIPPE or (internal adj phase))	US-PGPUB; USPAT	OR	ON	2011/10/14 11:40
S1	2	"5331015".pn. or "5770634".pn.	US-PGPUB; USPAT	OR	ON	2009/08/25 16:33
S2	25927	ethylbenzene or (ethyl adj benzene)	US-PGPUB; USPAT	OR	ON	2009/08/25 17:04
S3	0	S1 and S2	US-PGPUB; USPAT	OR	ON	2009/08/25 17:04
S4	898041	alcohol or ethanol or methanol	US-PGPUB; USPAT	OR	ON	2009/08/25 17:06
S5	2	S1 and S4	US-PGPUB; USPAT	OR	ON	2009/08/25 17:06
S6	627	HIPE	US-PGPUB; USPAT	OR	ON	2009/08/25 17:10
S7	21938	"521"/\$7.ccls.	US-PGPUB; USPAT	OR	ON	2009/08/25 17:10
S8	138	S6 and S7	US-PGPUB; USPAT	OR	ON	2009/08/25 17:10
S9	144	HIPE and styrene and divinylbenzene	US-PGPUB; USPAT	OR	ON	2009/08/25 17:11

S10	1	(HI PE or hippe or (internal near6 emulsion)) and styrene and divinylbenzene and sorbitan and (ethylbenzene or (ethyl adj benzene)) and supercritical and electrolyte and persulfate	US-PGPUB; USPAT	OR	ON	2009/08/25 17:29
S11	6	(HI PE or hippe or (internal near6 emulsion)) and styrene and divinylbenzene and (sorbitan and (ethylbenzene or (ethyl adj benzene)))	US-PGPUB; USPAT	OR	ON	2009/08/25 17:30
S12	4	(HI PE or hippe or (internal near6 emulsion)).ab. and styrene and divinylbenzene and (sorbitan and (ethylbenzene or (ethyl adj benzene)))	US-PGPUB; USPAT	OR	ON	2009/08/25 17:31
S13	4	(HI PE or hippe or (internal near6 emulsion)).ab. and styrene and divinylbenzene and (ethylbenzene or (ethyl adj benzene))	US-PGPUB; USPAT	OR	ON	2009/08/25 17:37
S14	4	(HI PE or hippe or (internal near6 emulsion)).clm. and styrene and divinylbenzene and (ethylbenzene or (ethyl adj benzene))	US-PGPUB; USPAT	OR	ON	2009/08/25 17:37
S15	7	(HI PE or hippe or (internal near6 emulsion)) and styrene and divinylbenzene and (ethylbenzene or (ethyl adj benzene))	US-PGPUB; USPAT	OR	ON	2009/08/25 17:38
S16	73	(HI PE or hippe or (internal near6 emulsion)) and (ethylbenzene or (ethyl adj benzene))	US-PGPUB; USPAT	OR	ON	2009/08/25 17:42
S17	66	S16 not S15	US-PGPUB; USPAT	OR	ON	2009/08/25 17:42

S18	1	"20040002555".pn.	US-PGPUB; USPAT	OR	ON	2009/08/25 17:45
S19	25927	(ethylbenzene or (ethyl adj benzene))	US-PGPUB; USPAT	OR	ON	2009/08/25 17:45
S20	1	S18 and S19	US-PGPUB; USPAT	OR	ON	2009/08/25 17:46
S21	92	(HI PE or hippe or (internal near6 emulsion)).ab. and styrene and divinylbenzene and (sorbitan or supercritical or electrolyte or persulfate) and ((cell near8 size) or (cell near8 diameter) or density or gravity)	US-PGPUB; USPAT	OR	ON	2009/08/25 18:07
S22	3	("5331015"   "5728743"   "5770634").PN.	US-PGPUB; USPAT	OR	ON	2009/08/26 09:10
S23	2	((REMY) near2 (COLLIER)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/26 09:10
S24	3	((PATRICK) near2 (VEDRENNE)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/26 09:11
S25	1	((EDMOND) near2 (LEBRUN)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/26 09:11
S26	4	((REMY) near2 (COLLIER)).INV.	EPO; JPO; DERWENT	OR	OFF	2009/08/26 09:11
S27	5	((PATRICK) near2 (VEDRENNE)).INV.	EPO; JPO; DERWENT	OR	OFF	2009/08/26 09:11
S28	2	((EDMOND) near2 (LEBRUN)).INV.	EPO; JPO; DERWENT	OR	OFF	2009/08/26 09:11
S29	3	S23 or S24 or S25	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/26 09:12
S30	5	S26 or S27 or S28	EPO; JPO; DERWENT	OR	OFF	2009/08/26 09:12
S31	1793	521/142.ccls. or 521/64.ccls. or 521/63. ccls. or 521/62.ccls. or 521/61.ccls.	US-PGPUB; USPAT	OR	ON	2009/08/26 10:28
S32	5781	(HI PE or hippe or (internal near6 emulsion))	US-PGPUB; USPAT	OR	ON	2009/08/26 10:29
S33	143	S31 and S32	US-PGPUB; USPAT	OR	ON	2009/08/26 10:29

S34	92	(HI PE or hippe or (internal near6 emulsion)).ab. and styrene and divinylbenzene and (sorbitan or supercritical or electrolyte or persulfate) and ((cell near8 size) or (cell near8 diameter) or density or gravity)	US-PGPUB; USPAT	OR	ON	2009/08/26 10:30
S35	79	S33 not S34	US-PGPUB; USPAT	OR	ON	2009/08/26 10:30
S36	21938	"521"/\$7.ccls.	US-PGPUB; USPAT	OR	ON	2009/08/26 10:43
S37	185	S32 and S36	US-PGPUB; USPAT	OR	OFF	2009/08/26 10:44
S38	37	S37 not S35 not S34	US-PGPUB; USPAT	OR	OFF	2009/08/26 10:45
S39	1798	(HI PE or hippe or (internal near6 emulsion)) and ((pure or ultrapure or purified or distilled) near5 water)	US-PGPUB; USPAT	OR	ON	2009/08/26 10:50
S40	175	(HI PE or hippe or (internal near6 emulsion)).ab. and (((pure or ultrapure or purified or distilled) near5 water)	US-PGPUB; USPAT	OR	ON	2009/08/26 10:50
S41	174	(HI PE or hippe or (internal near6 emulsion)).ab. and (((pure or ultrapure or purified or distilled) near4 water)	US-PGPUB; USPAT	OR	ON	2009/08/26 10:50
S42	81	S36 and S41	US-PGPUB; USPAT	OR	ON	2009/08/26 10:51
S43	1	"6369121".pn.	US-PGPUB; USPAT	OR	ON	2009/08/26 12:10
S44	361179	((pure or ultrapure or purified or distilled or deionized) near4 water)	US-PGPUB; USPAT	OR	ON	2009/08/26 12:11
S45	0	S43 and S44	US-PGPUB; USPAT	OR	ON	2009/08/26 12:11

S46	3	(foam\$ and styrene and (divinylbenzene or (divinyl adj benzene)) and density and (cell near5 (diameter or size)) and (HI PE or (internal adj phase)) and (sorbitan or oleate or monooleate) and (ethylbenzene or (ethyl adj benzene)) and electrolyte and persulfate)	US-PGPUB; USPAT	OR	ON	2010/05/21 14:31
S47	1828	521/142.ccls. or 521/64.ccls. or 521/63.ccls. or 521/62.ccls. or 521/61.ccls.	US-PGPUB; USPAT	OR	ON	2010/05/21 16:36
S48	800	HI PE or (internal adj phase) and styrene and (divinylbenzene or (divinyl adj benzene))	US-PGPUB; USPAT	OR	ON	2010/05/21 16:36
S49	128	S47 and S48	US-PGPUB; USPAT	OR	ON	2010/05/21 16:37
S50	1	(crosslink\$ or cross-link \$) and styrene and divinylbenzene and density and ((diameter or size) near9 cell) and (sorbitan or monooleate) and ethylbenzene and electrolyte and persulfate and (HI PE or HI PPE or (internal adj phase))	US-PGPUB; USPAT	OR	ON	2010/11/16 11:48
S51	1	styrene and divinylbenzene and (density or ((diameter or size) near9 cell)) and (sorbitan or monooleate) and ethylbenzene and electrolyte and persulfate and (HI PE or HI PPE or (internal adj phase))	US-PGPUB; USPAT	OR	ON	2010/11/16 11:49

S52	1	styrene and divinylbenzene and (sorbitan or monooleate) and ethylbenzene and electrolyte and persulfate and (HI PE or HI PPE or (internal adj phase))	US-PGPUB; USPAT	OR	ON	2010/11/16 11:49
S53	114	styrene and divinylbenzene and (sorbitan or monooleate) and electrolyte and persulfate and (HI PE or HI PPE or (internal adj phase))	US-PGPUB; USPAT	OR	ON	2010/11/16 11:50
S54	22900	"521"/\$7.ccls.	US-PGPUB; USPAT	OR	ON	2010/11/16 11:50
S55	76	S53 and S54	US-PGPUB; USPAT	OR	ON	2010/11/16 11:50
S56	28704	(ethylbenzene or (ethyl adj benzene))	US-PGPUB; USPAT	OR	ON	2010/11/16 12:59
S57	4	S55 and S56	US-PGPUB; USPAT	OR	ON	2010/11/16 12:59
S58	6	styrene and (divinylbenzene or (divinyl adj benzene)) and (sorbitan adj monooleate) and electrolyte and persulfate and (HI PE or HI PPE or (internal adj phase)) and (ethylbenzene or (ethyl adj benzene))	US-PGPUB; USPAT	OR	ON	2010/11/16 13:04
S59	18	styrene and (divinylbenzene or (divinyl adj benzene)) and (HI PE or HI PPE or (internal adj phase)) and (ethylbenzene or (ethyl adj benzene))	US-PGPUB; USPAT	OR	ON	2010/11/16 13:05
S60	12	S59 not S58	US-PGPUB; USPAT	OR	ON	2010/11/16 13:05
S61	1287	521/65.ccls. or 521/72.ccls. or 521/64.ccls.	US-PGPUB; USPAT	OR	ON	2010/11/16 13:10

S62	140	styrene and divinylbenzene and (sorbitan or monooleate) and persulfate and (HIPE or HI PPE or (internal adj phase))	US-PGPUB; USPAT	OR	ON	2010/11/16 13:11
S63	76	S61 and S62	US-PGPUB; USPAT	OR	ON	2010/11/16 13:11
S64	1858	521/142.ccls. or 521/64.ccls. or 521/63.ccls. or 521/62.ccls. or 521/61.ccls.	US-PGPUB; USPAT	OR	ON	2010/11/16 13:12
S65	1374	521/142.ccls. or 521/63.ccls. or 521/62.ccls. or 521/61.ccls.	US-PGPUB; USPAT	OR	ON	2010/11/16 13:12
S66	55	S62 and S65	US-PGPUB; USPAT	OR	ON	2010/11/16 13:12
S73	111	(potassium adj persulfate) same electrolyte	US-PGPUB; USPAT	OR	ON	2011/02/18 14:48
S74	17	(potassium adj persulfate) near20 electrolyte	US-PGPUB; USPAT	OR	ON	2011/02/18 14:48
S75	94	S73 not S74	US-PGPUB; USPAT	OR	ON	2011/02/18 14:51
S76	112	HIPE and electrolyte and styrene and divinylbenzene and persulfate	US-PGPUB; USPAT	OR	ON	2011/02/18 15:11
S77	0	HIPE and electrolyte and styrene and (divinylbenzene or (divintl adj benzene) or DVB) and persulfate and ethylbenzene	US-PGPUB; USPAT	OR	ON	2011/02/18 15:12
S78	116	HIPE and electrolyte and styrene and (divinylbenzene or (divintl adj benzene) or DVB) and persulfate	US-PGPUB; USPAT	OR	ON	2011/02/18 15:13
S79	1877	521/142.ccls. or 521/64.ccls. or 521/63.ccls. or 521/62.ccls. or 521/61.ccls.	US-PGPUB; USPAT	OR	ON	2011/02/18 15:38
S80	69	S78 and S79	US-PGPUB; USPAT	OR	ON	2011/02/18 15:39
S81	1	"5760097".pn. and (cavity)	US-PGPUB; USPAT	OR	ON	2011/02/18 16:59

**EAST Search History (Interference)**

<b>Ref #</b>	<b>Hits</b>	<b>Search Query</b>	<b>DBs</b>	<b>Default Operator</b>	<b>Plurals</b>	<b>Time Stamp</b>
S67	1190	521/142.ccls. or 521/63.ccls. or 521/62.ccls. or 521/61.ccls.	USPAT; UPAD	OR	ON	2010/11/16 15:14
S68	1193	521/65.ccls. or 521/72.ccls. or 521/64.ccls.	USPAT; UPAD	OR	ON	2010/11/16 15:14
S69	1975	S67 or S68	USPAT; UPAD	OR	ON	2010/11/16 15:14
S70	10	styrene and (divinylbenzene or (divinyl adj benzene)) and (HIPE or HIPPE or (internal adj phase)) and (ethylbenzene or (ethyl adj benzene)) and (sorbitan or monooleate)	USPAT; UPAD	OR	ON	2010/11/16 15:15
S71	224	styrene and (divinylbenzene or (divinyl adj benzene)) and (HIPE or HIPPE or (internal adj phase))	USPAT; UPAD	OR	ON	2010/11/16 15:16
S72	109	S69 and S71	USPAT; UPAD	OR	ON	2010/11/16 15:16

**10/ 14/ 2011 11:48:05 AM****C:\ Documents and Settings\ ikrylova\ My Documents\ EAST\ Workspaces\ 10580264.wsp**